

Converting Colors

XYZ(25.1673, 22.5215, 38.6192)

Have a look what the booklet for
XYZ(25.1673, 22.5215, 38.6192)
contains.

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Color

**XYZ(25.2527, 22.5650,
38.6218)**

Conversions

Conversions Part 1

Format	Color
Hex	907AA5
RGB	144, 122, 165
RGB Percent	56%, 48%, 65%
CMY	0.4353, 0.5216, 0.3529
CMYK	0.13, 0.26, 0.00, 0.35
HSL	271°, 19%, 56%
HSV	271°, 26%, 65%
XYZ	25.2527, 22.5650, 38.6218
YIQ	133.4800, -0.6910, 18.0370

Conversions

Conversions Part 2

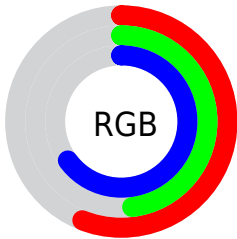
Format	Color
R_{YB}	144, 122, 165
Decimal	9468581
CIE _{Lab}	54.62, 17.03, -19.81
CIE _{LCh}	55, 26.129, 310.682
Yxy	22.5650, 0.2921, 0.2610
Android (android.graphics.Color)	4287658661 (0xFF907AA5)
YUV	133.4800, 15.5394, 9.2260
Hunter-Lab	47.5026, 11.7621, -14.9536

Details

The XYZ color **25.2527, 22.5650, 38.6218** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **28.2964, 34.1556, 23.5147**, and the grayscale version is **22.4152, 23.5826, 25.6814**.

A 20% lighter version of the original color is **51.5369, 47.8330, 74.2266**, and **9.8774, 8.2845, 16.7013** is the 20% darker color. If you saturate the color by 10%, you get **22.0387, 18.1521, 37.9398**, and if you desaturate by 10%, it is **28.9126, 27.7195, 39.4242**.

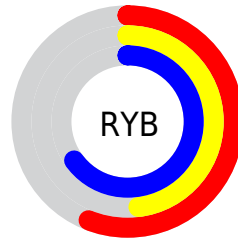
Distribution



Red (56%)

Green (48%)

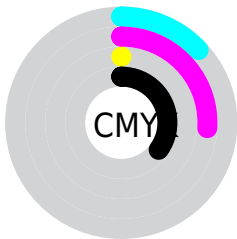
Blue (65%)



Red (56%)

Yellow (48%)

Blue (65%)

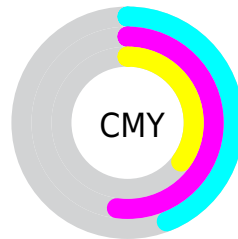


Cyan (13%)

Magenta (26%)

Yellow (0%)

Black (35%)



Cyan (44%)

Magenta (52%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.2527, 22.5650, 38.6218 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 25.2527, 22.5650, 38.6218 by changing the saturation by 10% instead.

■ 25.2527, 22.5650,
38.6218

■ 25.2527, 22.5650,
38.6218

271.4186,
265.4828, 355.6577

■ 16.3952, 14.2726,
26.1601

■ 51.5068, 47.6781,
74.2742

■ 9.8968, 8.3105,
16.7166

■ 69.6341, 65.2676,
98.3019

■ 5.3923, 4.2943,
9.8728

■ 91.5820, 86.7249,
127.0220

■ 2.5164, 1.8395,
5.2102

117.7160,
112.4344, 160.8531

■ 0.9035, 0.5116,
2.3102

148.4012,
142.7806, 200.2136

■ 0.0000, 0.0000,
0.7369

184.0032,

■ 0.0000, 0.0000,

178.1478, 245.5222

0.0000

224.8872,
218.9204, 297.1974

■ 25.2527, 22.5650,
38.6218

■ 25.2527, 22.5650,
38.6218

■ 22.0387, 18.1521,
37.9398

■ 28.9126, 27.7195,
39.4242

■ 19.2491, 14.4422,
37.3707

■ 33.0344, 33.6462,
40.3509

■ 16.8634, 11.3974,
36.9088

■ 37.6358, 40.3772,
41.4076

■ 14.8586, 8.9749,
36.5468

■ 42.7332, 47.9421,
42.5991

■ 13.2091, 7.1267,
36.2770

■ 48.3418, 56.3687,
43.9300

■ 11.8854, 5.7975,
36.0902

■ 54.4763, 65.6838,
45.4047

■ 10.8483, 4.9127,
35.9741

■ 61.1508, 75.9129,
47.0273

■ 10.4853, 4.6208,
35.9369

■ 68.3787, 87.0805,
48.8019

■ 71.0262, 88.9158,
49.0166

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



22.4875, 22.5650, 43.6203



25.2527, 22.5650, 38.6218



27.0928, 22.5650, 30.1820

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



25.2527, 22.5650, 38.6218



23.3267, 22.5650, 12.4616



16.4651, 22.5650, 27.6195

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



25.2527, 22.5650, 38.6218



28.2964, 34.1556, 23.5147

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



16.6462, 22.5650, 19.6997



25.2527, 22.5650, 38.6218



20.4398, 22.5650, 12.0737

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



25.2527, 22.5650, 38.6218



25.9141, 22.5650, 15.6339



18.0449, 22.5650, 14.4209



17.5259, 22.5650, 36.3895

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



25.2527, 22.5650, 38.6218



27.4574, 22.5650, 24.3816



18.0449, 22.5650, 14.4209



16.3853, 22.5650, 24.7583

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



25.2534, 22.5659, 38.6223



57.5507, 57.9245, 71.8996



24.7161, 26.6504, 39.4390



12.3424, 12.3179, 15.6646



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



25.2534, 22.5659, 38.6223



41.9587, 35.8990, 68.4701



29.2687, 24.6359, 38.8102



7.0298, 7.0297, 8.8894



7.9901, 3.5255, 27.1891



0.2223, 0.1021, 0.5738

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



27.4352, 23.9025, 29.1551



46.6096, 38.7473, 48.3239



24.9948, 32.4535, 23.3602



7.2112, 7.1409, 8.0984



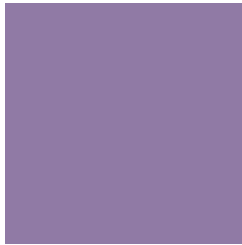
12.8757, 6.5063, 6.5360



0.2944, 0.1463, 0.2630

Previews

White Background



This preview shows how the XYZ color 25.2527, 22.5650, 38.6218 looks on a white background.

Color Contrast Check

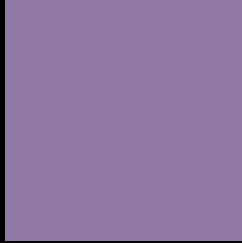
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 25.2527, 22.5650, 38.6218 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.2527, 22.5650, 38.6218

Background



This preview shows how black text looks on a background with the XYZ color 25.2527, 22.5650, 38.6218.



This preview shows how white text looks on a background with the XYZ color 25.2527, 22.5650,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

25.2527, 22.5650, 38.6218

Protanopia

22.8517, 22.5959, 41.1872

Deuteranopia

23.1724, 22.6307, 38.2688



Tritanopia

22.9199, 22.5603, 26.8135

Trichromacy



Original Color

25.2527, 22.5650, 38.6218

Protanomaly

23.5820, 22.4160, 40.1296

Deuteranomaly

23.8346, 22.5886, 38.2258

Tritanomaly

23.5846, 22.4365, 30.6914

Monochromacy



Original Color

25.2527, 22.5650, 38.6218

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

23.2776, 23.0632, 30.0128

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.2527, 22.5650, 38.6218 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(144, 122, 165)` looks like.

```
.text, #text, p{  
    color:rgb(144, 122, 165)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(144, 122, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 122, 165) }
```

Border

The CSS property to change the border of an element to XYZ 25.2527, 22.5650, 38.6218 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(144, 122, 165) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(144, 122, 165) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(144, 122, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 122, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 122, 165);  
box-shadow:4px 4px 4px 4px rgb(144, 122,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 25.2527, 22.5650, 38.6218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 122, 165) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(144,  
122, 165) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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